

IN-PLANE SWITCHING MODE LIQUID CRYSTAL DISPLAY

Abstract

An in-plane switching mode liquid crystal display (IPS-LCD) with a higher opening ratio. The IPS-LCD includes a lower substrate, a plurality of scan lines and a plurality of data lines positioned on the lower substrate, a plurality of pixel electrodes containing pixel electrode offshoots, an insulation layer covering the scan lines and pixel electrodes, a plurality of common electrodes covering one of the pixel electrode offshoots, an upper substrate, and a plurality of liquid crystal molecules filled between the two substrates. An overlapping portion of each pixel electrode offshoot and each common electrode serves as a storage capacitor.